

Material Safety Data Sheet

## Mean Green Industrial Strength Cleaner & Degreaser

Issue Date: April 4 2014

### SECTION I – EMERGENCY CONTACT

Chem Tel 1-800-886-5000

### SECTION II –HAZARDOUS INGREDIENTS

Component	CAS #	TLV (ppm)	% (in prod.)
2-butoxy ethanol	111-76-2	25	<4
Tetra sodium ethylenediamine tetra acetate	64-02-8	NA	<2

### SECTION III – HEALTH HAZARD

Acute Effects of Overexposure:

Skin: Irritant. Prolong contact can cause skin irritation.

Eyes: Irritant. Causes eye irritation. Avoid prolong contact with eyes.

Inhale: May cause respiratory tract irritation. Liquid or spray mist may produce tissue irritation on mucous membranes of eyes, mouth and respiratory tract.

Ingest: Can cause nausea and irritation to mouth, throat and stomach. Existing skin diseases may be aggravated by overexposure.

Chronic Effects of Overexposure: Repeated or prolonged exposure may produce defatting of the skin

HMIS Codes: Health 2; Flam. 0; React. 0; Pers. Protection X

Carcinogenic effects: None of the ingredients are listed as carcinogens by IARC, NTP, or OSHA

### SECTION IV – FIRST AID MEASURES

First aid procedures:

Skin: Wash contaminated area with soap or mild detergent. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention.

Eyes: Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhale: If symptoms occur move affected person to fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention promptly.

Ingest: Never give anything by mouth to an unconscious person. If product is swallowed, drink plenty of water. Do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. Get medical attention at once.

**SECTION V – FIRE AND EXPLOSION DATA**

Flash Point (F): None  
Flammable Limits: LEL: NA  
Fire Fighting Procedure: Use water vapor, foam or fog. Firefighters should wear proper protective equipment.  
Fire Hazard: NA

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

Spill Clean Up: Wear appropriate protective equipment. Absorb with an inert material and put spilled material in appropriate waste disposal.

**SECTION VII – HANDLING AND STORAGE PROCEDURES**

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Keep container closed. Wash thoroughly after handling.  
Storage: Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

**SECTION VIII -- EXPOSURE CONTROLS, PERSONAL PROTECTION**

Eye Protection: Tight fitting safety goggles are recommended if splashing may occur.  
Protective Clothing: Use rubber, neoprene, or nitrile protective gloves for prolonged use.  
Respiratory: Use with adequate ventilation.

**SECTION IX – PHYSICAL AND CHEMICAL DATA**

Boiling Point (F) 212 Specific Gravity: 1.01 -1.09  
pH: 12.2 – 12.5 VOC content (%) <4  
Vap. Pressure (mm Hg) NA Vap. Density NA  
Evaporation Rate (Bu acetate=1) >1 Solubility in Water: Completely soluble  
Appearance and Odor: Clear green liquid with glycol odor

**SECTION X – REACTIVITY DATA**

Stability: Stable  
Incompatibility: Oxidizing agents, strong acids  
Polymerization: Will not occur  
Hazardous Decomposition: Carbon monoxide, carbon dioxide

**SECTION XI -- TOXOLOGICAL INFORMATION**

Toxicity to animals:  
2-butoxy ethanol  
Oral (LD50) acute: 1746 mg/kg Rat  
Dermal (LD50) acute: 680 mg/kg Rabbit  
Vapor (LC50) acute: 450 ppm 4 hours Rat female

**SECTION XII**

Ecological Information: Not available

Biodegradable/OECD: Not available

**SECTION XIII -- DISPOSAL CONSIDERATIONS**

Waste Disposal Method: Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.

Classification: Hazardous waste, (RCRA waste)

**SECTION XIV -- TRANSPORT INFORMATION**

Proper shipping name: NA

DOT classification: Not a DOT controlled material

UN number: NA

**SECTION XV -- REGULATORY INFORMATION**

SARA 313 toxic chemical notification and release reporting - regulated substance: 2-butoxy ethanol

Clean Water Act (CWA) regulated substance: NA

Clean Air Act (CAA) 112 regulated toxic substances: 2-butoxy ethanol

**SECTION XVI -- OTHER INFORMATION**

State right to know: NJ, PA, MA

Water	7732-18-5
2-butoxy ethanol	111-76-2
Ethoxylated alcohol	9016-45-9
Tetrasodium ethylenediamine tetraacetate	64-02-8
Sodium Silicate	1344-09-8

This product may contain the following material in excess of threshold limits listed in California Proposition 65 as a potential carcinogen:

Ethylene Oxide CAS# 75218 &lt;??% by weight

To the best of our knowledge information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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